

People and Places

Beef Grading Conference

There is a growing consensus that beef grading standards should be modified—in order to make beef more competitive with other foods and to give cattlemen a better opportunity to earn a profit. However, there are different proposals as to how beef might be graded and processed in the future.

This situation was pointed out recently by Gene Schroeder, chairman of the National Cattlemen's Assn. Grading Committee, as he called attention to a National Beef Grading Conference coming up in January.

The conference will be held Jan. 6-8 at Iowa State University, Ames. The conference will be sponsored jointly by ISU, NCA, the Iowa Cattlemen's Assn. and the Iowa Beef Industry Council.

Some 50 speakers—representing cattlemen, scientists, consumers, government and the processing and retailing industries—will be on the program. All aspects of the grading question will be covered. Other subjects will include trends in cattle production, competitive meat merchandising, changes in cattle genetics and new meat technologies.

Schroeder cited demands for leaner beef and also noted the cost of producing beef under the present standards. "If we're going to compete," he said, "we're going to have to be more efficient and also produce a product more acceptable to more consumers."

NCA officials strongly urge members and leaders of the cattle industry to attend the conference in January. Persons interested in more details should contact Frank Arney (308/861-1904), P.O. Box 589, Denver, Colo. 80201, or William Zmolek (515/294-2240), 109 Kildee, Iowa State University, Ames, Iowa 50011.



AN HONOR—Dave Rice (left), Colorado Cattlemen's Assn. executive vice president, presents state representative Forrest G. Burns with a CCA Silver Award. The award, given at the recent CCA mid-winter convention, was in recognition of Burns' "Contributions of untold benefit to Colorado rural communities."

National Western Stock Show

Edwin N. Kruss and J. Patrick Buchen have been named to year-around positions on the staff of the National Western Stock Show, according to General Manager, Charles Sylvester.

Kruss becomes manager of the National Western Livestock Center, which expects to conduct more than \$12,000,000 in sales during the 75th National Western Jan. 14-24.

Buchen, formerly employed by the American Shortbow Assn. and the American Maine-Anjou Assn., will serve as administrative assistant to the general manager.

His responsibilities will include coordination of purebred cattle shows, the draft horse show and sales, and the junior livestock sales.

American Farm Bureau Federation

Paul A. Volcker, chairman of the board of governors of the Federal Reserve System, will be a principal speaker at the 62nd annual meeting of the American Farm Bureau Federation, Robert R. Delano, AFBF president announced.

The meeting will be in New Orleans Jan. 11-15, with an expected 80,000 ranchers and farmers in attendance. Volcker will address the delegates in a general session at the Louisiana Superdome the morning of Jan. 12, Delano said.

Volcker, a native of New Jersey, has been chairman of the Federal Reserve System board since Aug. 8, 1979, at which time he automatically also became chairman of the Federal Open Market Committee and a member of the National Advisory Council on International Monetary and Financial Policies.

Before his appointment to the Federal Reserve System, Volcker spent four years as president and chief executive officer of the Federal Reserve Bank of New York.

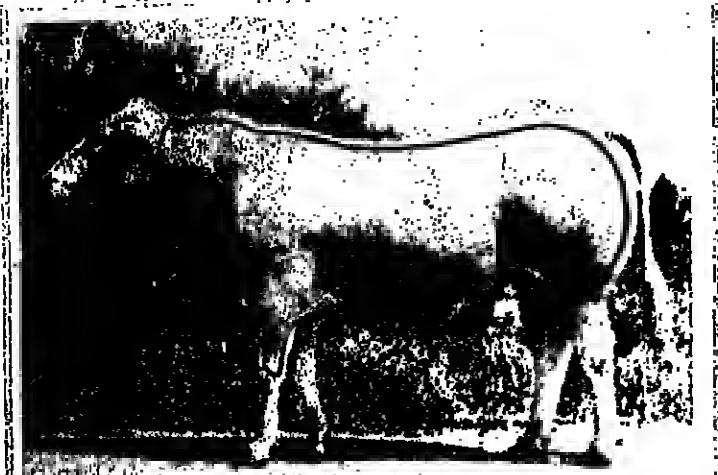
Livestock Marketing Assn.

Veteran livestock marketing businessmen discussing present and future conditions in their industry will be a featured highlight of the 1981 annual meeting of Livestock Marketing Assn.

LMA President Gail Solter said the Jan. 15-17 meeting, to be held in Hilton Head, S.C., will again include the popular "Outlook for Marketing" panel discussion. Nine members of the LMA board of directors, from across the U.S. and Canada, will take part.

Solter pointed out that the directors will discuss a wide range of topics having an impact on 1981 livestock marketing. "This will include total numbers, movement, feed supplies, and the impact of government programs," he said.

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Comments

The new administration will have considerable influence on the course of ranching during 1981 and later, but for now stockmen are caught in both a credit crunch and double-digit inflation. Cow

prices have dropped dramatically because of a lack of incentive to hold cows or store cow beef with prime interest rates topping 21% in most major banks.

A 21% prime—with, according to a number of financial sources, a higher level possible—is more of a burden than the beef market can surmount.

High interest rates deter storage as an alternative for cow beef, and therefore results in the meat moving directly into retail channels, adding to the already large supplies. The burdensome supplies are the result of weekly kill levels that have averaged 870,000 head the last few weeks, compared with less than 600,000 in the spring. Retail marketing channels are being clogged because of the influx of cow beef in the mix of total beef.

Cows were 24% of the total slaughter in November and are running about the same so far in December. This compares to a normal cow kill of about 17-18% of the total beef slaughter, according to packing sources.

The lack of feed, poor conception rates and the high interest rates are forcing stockmen to move cows to market at retail prices to four times higher than last year. Cash cow prices have dropped four to five dollars per cwt. in the last 15 days. Terminal market prices are averaging \$18 per cwt., compared \$50 less than three weeks ago.

Cow and cow beef prices are down and will continue to be depressed until the interest rates decline, most industry sources have said.

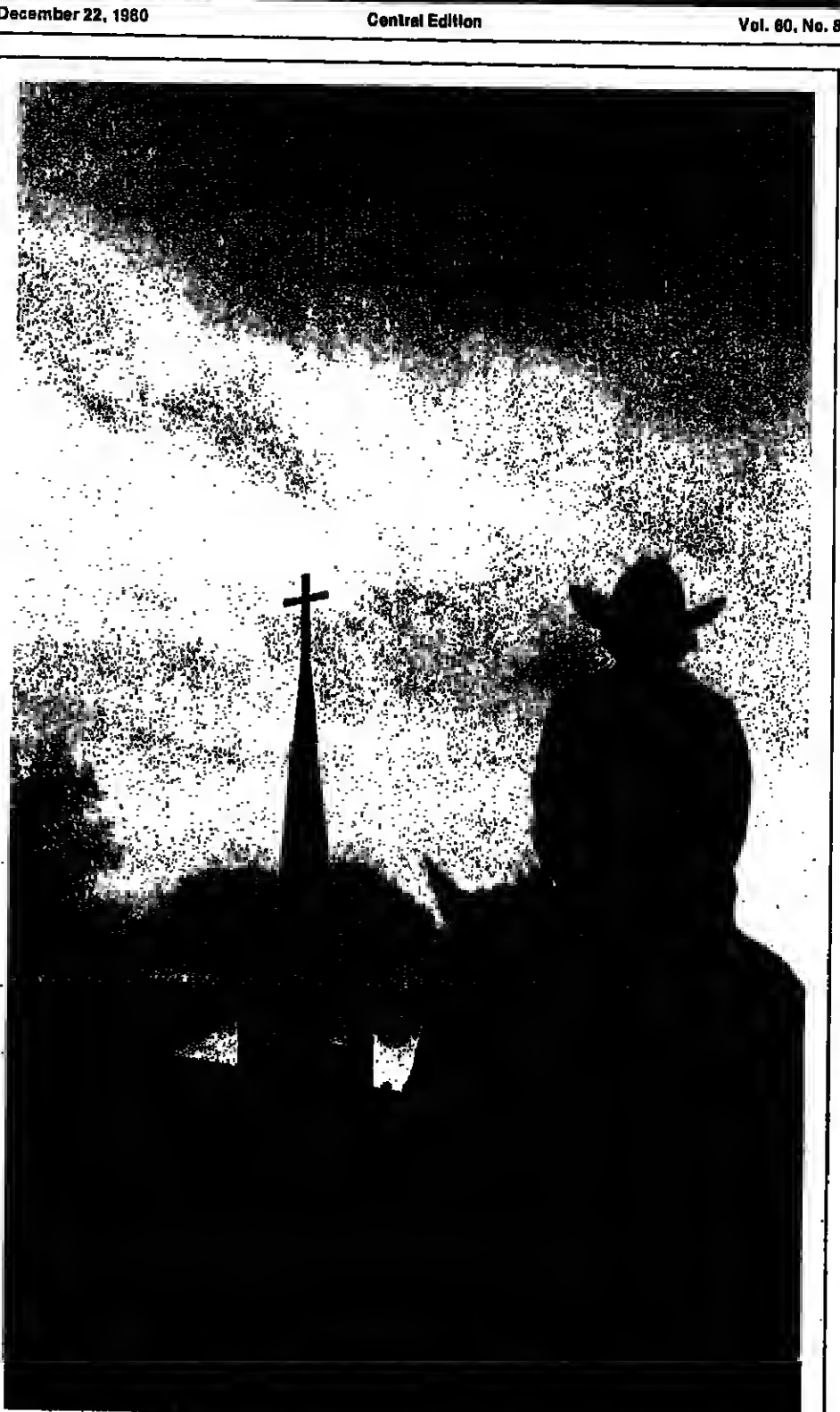
With interest rates running two to three percent prime, stockmen can't afford to hold on to cows, and few speculators can afford to hold cow beef in storage. Because of the large amount of cow beef now in the market, a probable price decline is little doubt in general stockmen and their families still have much to be thankful for this season. Our holiday is spent with beef cuts from all of us who have Western livestock each week.

GLEN RICHARDSON

WESTERN LIVESTOCK JOURNAL

News • Trends • Sales • Shows • Markets

December 22, 1980 Central Edition Vol. 80, No. 8



A HOLIDAY WISH—Throughout the world, at every hearth, in every home, one prayer... That all men live as brothers and that peace reign everywhere. The entire Western Livestock Journal staff would like to wish each and every one of you the merriest of Christmases.

Economic slowdown effect:

Fears trigger "bearish" futures outlook

Fears of a looming general economic slowdown and the likelihood that U.S. consumers will curtail meat purchases as a result has led to the recent mass exodus of long positions from the Chicago Mercantile Exchange livestock futures markets, experts said, according to Commodity News Service (CNS).

The attention of market participants has shifted away from the likely decline in meat supplies next year to the consumers' inability to pay retail prices for meat products, said Chuck Levitt, livestock analyst at Shearson, Loeb, Rhoades, Inc.

Recession fears have recently emerged in many sectors, fostered mostly by the Federal Reserve's interest rate battle against high inflation and rising money supply growth in the face of persistently strong monthly economic growth figures.

Having barely recovered from a sharp economic slowdown in the second quarter when the Gross National Product fell 9.8%, the recovery is currently being hampered by record-high interest rates. Just recently, industry prime lending rates were retched up to 20%, and credit market sources said further rises would come as little surprise.

Supreme Court denies meat packers' plea

The U.S. Supreme Court has declined to consider whether a meat packers' group violated antitrust law by refusing to purchase cattle from farmers on an "as-is" basis, reports CNS.

The justices declined to hear the appeal of De Jong Packing Co. of Washington state challenging a USDA ruling—upheld by a federal appeals court—requiring packers to buy cattle "as is."

De Jong and other packers wanted the terms for sale of slaughter cattle revised from "as is"—under which packers bear the risk the cattle will fail to pass government inspection—to sales subject to the animals passing inspection, thereby placing the risk on the seller.

Several packers took the

Beef prices to rise 10% in 1981: NCA

Retail beef prices will increase on average of 10% in 1981 compared with 1980 prices, the National Cattlemen's Assn. has announced.

Most of the price increase will occur in the spring when total meat production will be decreasing seasonally, the NCA said. Beef supplies and prices are expected to be fairly stable during the rest of the year, the NCA said, with total beef production for 1981 up about one percent from 1980.

Pork production in 1981 will be down slightly from 1980, the NCA said, and will contribute to higher pork and beef prices. The association said poultry production will be up in 1981, but total meat production for the year will be down slightly.

NCA President Merlyn Carlson said that basic inflation will be responsible for much of the expected retail price increase. He noted that average prices received by cattle feeders in 1980 are slightly less than a year ago, although average retail beef prices are up five percent from 1979, which is considerably less than the overall inflation rate. Upward pressure on retail prices has also come from increased processing and distribution costs this year, he said.

Beef price increases have been limited this year because of increased total supplies of meat, the NCA said.

The USDA has estimated 1981 beef prices would be up 10 to 15% from this year's expected \$2.40 per pound average. The USDA also projected 1981 pork prices would be up about 25% from 1980 levels.

Carlson noted that total cattle numbers have been cyclically low the past two years. Rising energy costs, interest rates, feed and other production costs, coupled with decreased demand because of large pork supplies, have financially squeezed cattle producers for more than a year, the NCA said. The result may be delayed herd expansion, Carlson said, and lower beef supplies than is generally expected in the years ahead.

Fever threat cause of 'rift' in Colorado

A proposal to bring an exotic African livestock virus to Colorado for study has released a torrent of negative comments from Colorado livestock leaders.

Rift Valley Fever is a deadly African viral disease, transmitted by insects, which until a few years ago was confined to a small section of Kenya. For some reason the virus began moving several years ago and has been confirmed in Egypt. A number of scientists feel it is only a matter of time before the fever reaches North America.

At this point the disease is not a threat, says Thomas Wilton, veterinarian and virologist with the USDA's Anthropod-Borne Animal Diseases Research Laboratory in Denver, where the virus can be determined which, if any, American insects can carry it. But he won't proceed with the project unless the Colorado Agriculture Commission approves it.

And, that outlook is valid since a Canadian recently returning from a trip to the Middle East brought the disease with her. Fortunately, her illness was diagnosed and isolated in time to stop an outbreak.

However, the proposal to bring Rift Valley Fever virus to the Denver Federal Center for study has stirred some controversy. Thomas Wilton, veterinarian and virologist with the USDA's Anthropod-Borne Animal Diseases Research Laboratory in Denver, where the virus can be determined which, if any, American insects can carry it. But he won't proceed with the project unless the Colorado Agriculture Commission approves it.

"We have enough damn trouble at home without bringing in bugs from Africa," says Ray Burke of the Colorado Department of Agriculture. "If it is that important, why not send people over to Africa where they already have it? Maybe there is only an outside chance that the virus would escape the testing facility, but why take it? I know it is supposed

(Continued on page 4)

NEWSPAPER (priority handling)

NEWSPAPER (priority handling)



"Now, I ain't come to buy the auction, I just want to buy a cow and a calf!"

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NOTICE TO ALL ADVERTISERS

Deadline for all ad copy is 4:30 p.m. on the Tuesday preceding the Monday issue date. This deadline will be strictly enforced. Thank you for your cooperation!

Many country crimes unreported; statistics mask national problem

Country crime is worse than law enforcement statistics reveal because of "massive underreporting" of the crimes.

A study just completed of four Missouri counties showed nearly one-fourth of the households sampled had been crime victims during the year preceding the study. Some 15% of the 411 households surveyed had experienced theft; eight percent vandalism.

Of those victimized by theft, only 37 percent reported the theft.

According to the University of Missouri-Columbia scientist who conducted the study, underreporting of rural crime appears to be a national problem. In 1978, for example, the FBI Uniform Crime Index reported only one out of every 92 Missouri residents was a victim of serious crime. Yet, the UMC study would indicate a crime rate at least ten times as high.

The FBI index included robbery, assault, burglary, theft, rape and murder; but did not include vandalism. While the exclusion of vandalism explains part of the difference between the FBI index and the recent Missouri findings, said the scientist, it's still quite evident that many crimes go unreported for fear of reprisal or for some other reason.

Coming Events
 Jan. 16-17 - Arizona National Livestock Show, Phoenix, Ariz.
 Jan. 18 - Mountain Plains West Cattle Show, Denver, Colo.
CATTLE AUCTIONS
 Jan. 18 - Mackay-Schmeckle, 1701 Madison St., Denver, Colo. 80202, 303/733-1111
 Jan. 19 - All Breeds Bull Sale, Arizona National Livestock Show, Phoenix, Ariz.
 Jan. 20 - Red Bull Sale, Arizona National Livestock Show, Phoenix, Ariz.

Federal plan to boost hydroelectric facilities

Rural communities who wish to reduce their utility bills by building or reactivating small hydroelectric generating facilities may get a boost from a new federal program announced by the White House. Under the program, Farmers Home Administration (FmHA) low interest loans will be made available for hydroelectric projects. FmHA is a credit agency of the USDA.

British economist: Exporters must up skill to achieve market goals

U.S. beef exporters must increase their efforts and marketing skills in order to achieve current export goals in EEC countries, according to Robert Brenback, deputy chief economist for the British Meat and Livestock Commission.

"Although I am convinced that a market exists there for such a relatively small quantity, it will certainly not be an easy job, particularly in the relatively depressed (price) EEC market outlook for 1981," Brenback said at the annual U.S. Meat Export Federation seminar held recently in Chicago.

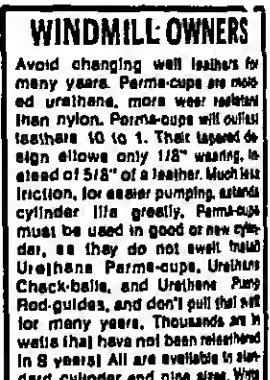
The U.K., West Germany and Italy together currently import nearly 1.0 million tons of beef and veal from all sources annually, reports CNS, and Brenback forecast the three countries probably will increase their import requirements in the early 1980s.

"It does, therefore, seem sensible to suggest that these countries may well be the major outlet for U.S. beef in the 1980s," he said.

He also said he expects relatively smaller opportunities for U.S. beef exports to France, Denmark, Belgium,

and, when it becomes an EEC member, Greece.

However, Brenback warned that EEC consumers, especially on the European continent, prefer much leaner beef than that of the average U.S. carcass. He also said a European



HONORED—Dale Spencer, Brewster, Neb., was one of five recipients of the Golden Bull Achievement Award during the award banquet of the American Junior Horoford Assn. Convention, Kansas City, Mo.

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Volunteers swing into action to plan agriculture day events

"Agriculture: It's Your Heartbeat, America!" This is the theme for the nationwide observance of "Agriculture Day" scheduled for Thursday, March 19, 1981. Volunteers from all parts of the country will join together in a coordinated effort to tell the story of what agriculture—the nation's biggest and most important industry—means to America.

USDA aims at regulation to govern deboned label

The USDA will publish before the end of the year proposed regulations governing the labeling of mechanically deboned meat and poultry, a USDA official told CNS.

USDA had hoped to finalize the proposal earlier this year but needed additional time to study its economic impact, according to Tom Grumby, associate administrator of USDA's Food Safety and Quality Service.

Grumby said the proposed regulation would reduce the current disparity in labeling requirements between mechanically deboned meat and mechanically deboned poultry. However, he would not comment on whether the draft version of the proposed regulation would eliminate the requirement that mechanically deboned meat labels state that the product contains a certain amount of ground bone.

At present, USDA has one set of labeling requirements for mechanically deboned meat and a separate set for mechanically deboned poultry. The current regulations stipulate that products containing mechanically deboned meat must be labeled "mechanically processed (beef or pork) product." The product's label also must state that the product contains a

certain amount of ground bone. Neither of these regulations apply to mechanically deboned poultry.

The centerpiece of the observance will be a nationally coordinated communications program emphasizing the "heartbeat" theme to package creative messages in a form that anyone, anywhere can use to communicate the facts about agriculture effectively.

KLA starts program for pre-conditioning

By MARTHA WILLIAMS
 The Kansas Livestock Assn. (KLA) and the Kansas Veterinary Medical Assn. (KVMA) announced the implementation of the self pre-conditioning program to help the livestock industry in controlling parasites and respiratory diseases in weaner calves.

In a press conference at the recent KLA convention in Wichita, Leighton Fairbairn, Garden City veterinarian and KVMA president and Harold Fankhauser of Medison, chairman of the cow-calf stocker council, said that the cost of sick treatment, weight loss and death loss in weaner calves is estimated to be about one to three billion dollars annually.

"About 80% of the feeder cattle in this country come from herds of 60 cows or less. It's hard for the producer to appreciate the care and processing these calves need to get to be properly immunized for the diseases they'll be exposed to in the marketing process," according to Fairbairn.

The program will consist

of mandatory immunization procedures at four months of age, and at least two weeks before selling, of Clostridial immunization and IBR, PI3 immunization. Optional immunization procedures will include BVD, Pasteurella, Seven-way Clostridial, Lepto, Vitamin A, Heemophilus Somnus. Other aspects of the program will include internal and external parasite control, weaning and bunk adjustments to reduce stress.

Each pre-conditioned calf will be identified by a special numbered ear tag the last time through the chute. In addition, each group of calves will be accompanied by a certificate recording the tag numbers, signed by the producer and the vet who supervised producer's program. The certificates will include such information as costs involved, if they've been dehorned, implanted, and dates. Records will be filed in the KVMA office in Manhattan, and the KLA office in Topeka.

"The program will allow for a supervised, uniform method of pre-conditioning," according to Fairbairn, who feels that if it is done well it will have a significant future impact. Commenting on costs, he estimated that the producer who does all the variables may incur costs of \$1.50 to three dollars per calf, including vet service and extra labor. The producer should expect to receive a premium of up to four to six dollars per cwt. and it could cost as much as eight dollars per cwt. or more to medicate a sick calf according to Fairbairn.

"The concept of pre-conditioning has been poorly interpreted and many times misunderstood," he said. "Cattlemen want to buy replacement cattle at the cheapest price and in so thin

support and understanding of the American people," continued Lanphier. "It's essential that the American public understand that their economic future is tied directly to the health of our agricultural system."

In addition to Lanphier, officers of the Agriculture Day Foundation are: treasurer John Devine, International Harvester, Chicago, Ill.; and secretary Connie Townsend, American National CowBelles, White Sulphur Springs, Mont. Other board members include: Gene Atkins, Cateytic Generators, Inc., Norfolk, Va.; Dave Bennett, Miller Publishing Co., Minneapolis, Minn.; C.W.

Lanphier said that Jim Eskin, ACA's director of communications, would serve as Ag Day staff coordinator.

Agriculture Day was begun in 1973 as a nationwide project to recognize and salute agriculture's contributions to the U.S. economy. Grassroots activities are spearheaded by the National Agri-Marketing Assn.'s 16 regional and 14 student chapters.

Anyne interested in finding out how they can get involved in Ag Day '81, should write: Agriculture Day Foundation, P.O. Box 23421, Washington, D.C. 20024.

"It doesn't take much when you lose a \$400 to \$500 calf to buy a lot of vaccine," he pointed out. In cost analysis, it may not be as much a premium to have the program, as a penalty not to according to the veterinarian.

Fairbairn attributed increases associated with marketing of poorly weaned calves health to antibiotic development slowing down.

Granada Brangus Consigning 19 Top Bulls to the National Western Brangus Bull Sale Tuesday, January 20 Denver, Colorado



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"Dynamo" "Comestones" and "Sentry" will be on display

Ankonian Sentry—Many cows sell carrying the valuable service of the 1980 National Western Grand Champion.



KANSAS BELLES—New officers of Kansas CowBelles are Geni Stanley (left), Dodge City, president; Charlyne Paton, Winfield, retiring president; Maxine Porterfield, Garden City, president-elect; Beverly Steffan, Burdett, secretary; and June Bradley, meeting of the Kansas CowBelles reviewed the past year's projects and heard a report stressed the need to maintain effective communications with all segments of the community and ag organizations as CowBelles work to promote beef.

U.S. Supreme Court denies packer plea for consideration

(Continued from page 1)

eventually were condemned by health authorities.

Under customary procedures of the northwest Washington livestock auction markets, purchase of livestock has been on an "as-is" basis unless specified prior to sale.

The packers gave notice in 1972 of intent to change the procedure, which the auction markets rejected. But De Jong refused to pay for cattle subsequently condemned and the Washington State Agriculture Department acted to force the firm to pay.

A state trial court found De Jong could purchase cattle according to its chosen procedure. Later, when all other packing companies rejected the "as-is" sale method, several farmers, stockyard representatives and the state agriculture department told the packers they would not agree to change the "as-is" procedure.

The farmers and stockyards obtained an order in their favor from a USDA administrative law judge, later upheld by a USDA judicial officer.

The 9th U.S. Circuit Court of Appeals later rejected the judicial officer's finding that the packers had engaged in price fixing. But the appeals court concluded that the packers had engaged in a group boycott to force acceptance of unfavorable trade terms. As a result, the court upheld the judicial officer's order that cattle must be purchased "as is."

De Jong, appealing to the Supreme Court to strike down the requirement for packers to buy cattle "as is," argued it has not conspired with other packers in violation of federal antitrust law.

In response, the USDA said, "while the packers were free to negotiate for a change in trade terms on a unilateral basis or seek administrative relief, it was not permissible for them to engage in a group boycott to impose such a result."

Other industry leaders disagree with Vail's statement.

Fever threat cause of 'rift' in Colorado

(Continued from page 1)

to be foolproof, but that's what they said about Three Mile Island."

Dean Kittle, Colorado Farm Bureau Administrative officer, echoes that sentiment: "We accidentally import enough stuff. We don't need to enlarge the danger. If they want to do research, they ought to do it where the problem already exists."

Rift Valley Fever is unlike any disease in this country. It attacks the liver and can cause other problems, Watson notes, comparing it to having liver disease and a bad cold at the same time. It is especially bad for sheep and in instances has wiped out 80% of a flock in Africa. Young sheep are most vulnerable to the fever, which also causes pregnant ewes to abort.

Colorado Agricultural Commissioners Morgan Smith hasn't made up his mind yet on the proposal.

The Denver Center has been dealing with bluetongue and Venezuelan equine encephalitis for years without accident or incident.

"We have to deal with the facts," urges Charles Vail, president of the Colorado Veterinary Medical Assn. "One fact is Rift Valley Fever poses a threat to this nation. We have to know which insects carry it, and the Denver facility is the

Drought aftermath: Producers stretch feed "to limit"

This year's drought has forced many cattle producers to stretch feed supplies to the limit to make sure lactating cows get enough energy in the ration.

They can "borrow" some energy by limiting the amount of silage and other higher energy feeds to dry cows. But they've got to be careful not to borrow so much that dry cows won't breed back for next year's calf crop.

Homer Sewell, University of Missouri-Columbia cattle feeding specialist, said cattlemen are stretching feed supplies by using some feeds with which they have had little or no previous experience—like drought corn silage, milo silage, wheat straw, poultry litter, corn and milo stover.

"Feed supplies can be stretched by limiting the amount of silage and other higher energy feeds to dry cows, by proper combinations of poor quality and high quality feeds, and by use of protein, mineral and vitamin supplements that supply the deficiencies in rations," he said.

"Drought silage will not be the consistently high quality feed that normal corn silage is. Drought silage will vary more in its moisture, protein, energy and nitrate level than is typical for well-earned corn silage. For that reason, producers should get a feed analysis as their first step in preparing to feed drought silage."

In spite of the drought, he says, most of the corn silage appears to have safe levels of nitrate for cattle.

"Drought silage generally has higher protein than normal silage, but most of the additional protein is derived from non-protein nitrogen compounds. Full value can be given to the high protein in drought silage in rations for cows and yearlings," he said.

"But the extra protein should likely be ignored in growing rations for under 600 lbs. As producers should use protein supplements instead of drought silage for these weight calves. Silage indicates the superior soybean meal over corn silage than for cows."

Sewell said a full drought corn silage usually supply more energy than is needed by a pregnant cow in the three months of pregnancy but will be adequate energy for a cow in lactation. Therefore, producers should limit the amount of corn silage in dry cows to make supplies go farther.

National Marky Cattle Assn. Show & Sale

at the National Western in Denver
Jan. 18-19
(Show Jan. 18 1:00 p.m. • Sale Jan. 19 1:00 p.m.)

The Largest Offering Ever of Marky Cattle for Public Auction in North America!

139 Lots

35 Purebred Bulls
30 Purebred Females
47 1/2 to 7/8 Percentage Bulls
27 1/2 to 7/8 Percentage Females

Show & Sale Headquarters:
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4849 Bennoch St., Denver, Colo.

Sponsored by:
MARKY Cattle Assn.
303/823-4741
Suite 111, Livestock Exchange Bldg.
Denver, Colo. 80217

De La Garza to head committee

Rep. Kika De La Garza, D-Texas, has been selected by the Democratic caucus to head the House Agriculture Committee in the 97th Congress, according to CNS.

De La Garza has served on the agriculture committee since entering Congress in January 1966. Since 1987, he has been chairman of the subcommittee on investigations, oversight and research, and since January 1979 has served as vice chairman of the full agriculture committee.

Auction Results

VR RANCH
Glenrock, Wyo., Dec. 11

216 cows.....\$708
716 heifers.....570
977 lots.....800

Auctioneer: Pat Goggins
Sale Manager: T.V. Jones and Ted Thomas

CK RANCH HEREFORD BULLS
Brookville, Kan., Nov. 24

150 lots.....\$1,972

Auctioneer: George Morse and Ike Hamilton

Cows: 20 head drag to John Randolph. Dubois. \$755 ea. 20 head drag to Clyde Nelson. Bullalo. \$750 ea. 10 head drag to Earl Barton. Casper. \$750 ea. 20 head drag to Colorado Two J. Inc. Parker. Colo. \$745 ea. 20 head drag to Sam Tilden. Cody. \$745 ea.

Hallers: 30 head drag to Howard P. Brown. Cody. \$970 ea. 30 head drag to Phil Hughton. Harrison. Neb. \$870 ea. 25 head drag to Aaron. \$855 ea. 30 head drag to Tilden. \$850 ea. 30 head drag to Diamond Bar Ranch. Cody. \$835 ea. 5 head drag to Hughton. \$835.

Reputation and quality are the key words to describe Jack McGuire's annual VR Ranch commercial Hereford production sale. The McGuire have the reputation for offering the best females, bred and ready to go. The quality is the highest and can be attested to by the championships won at the National Western Stock Show. The buyers realize this and this year the largest crowd ever filled the ranch sales barn. They bid actively and took cattle home to ranches in Wyoming, Montana, Nebraska, Colorado and Indiana.

The McGuire family also donated the proceeds from the sale of two bull calves to St. Joseph's Children's Home, Terrellville. Willard Wilson, Thompson. bid \$1950 to own the bulls.

—JERRY YORK

TETHEROW CATTLE CO.
SIMPIMENTAL
Valentine, Neb., Dec. 4

52 bulls.....\$2,100

Auctioneer: Jim Baldrige
Sale Manager: Cattle Brokers, Inc.

Top: TCC Sir Albert US2L. 2/24/79 by Cottonwood Cascade. Tom Hanna. Theodor. \$3900. TCC US2L Led US5L. 4/27/79 by TCC US2L Led US2L: Tom Hanna. \$3600. TCC CWC Led W12L. 4/12/79 by Cottonwood Cascade: Wileal. \$2000. No. 40. 3/17/79. \$3800. TCC CWC Led W10L. 4/18/79 by Cottonwood Cascade: Tom Hanna. \$3600.

Again Dick Tetherow and family enjoyed a good sale, but this year they had a bright sunny day instead of the usual snowy day. The crowd consisted mostly of repeat buyers who have used the highly performance tested Tetherow bulls and have enjoyed that extra performance from their use. Tom Hanna was the volume buyer with many others pulling together packages.

TRI-MOUNTAIN ANGUS RANCH
Bozeman, Mont., Dec. 16

43 bulls.....\$999
89 heifers.....744

Owner: Mr. & Mrs. Lester Field, Townsend, Mont.
Auctioneer: Pat Goggins

Bulls: No. 127. 3/21/79. NR 114. GR 96. YR 112. IPR 112. Arthur Ranch. Livingston. \$2600. No. 45. 3/20/79. NR 112. GR 133. YR 128. IPR 126. Rustad Lend and Livestock Co. Whitehall. \$2100. No. 124. 3/16/79. NR 105. GR 145. YR 121. IPR 121. Matt Levers. Wileal. \$2000. No. 40. 3/17/79. NR 109. GR 121. YR 117. IPR 117. Jack Malt. White Sulphur Springs. \$1700. No. 349. 4/27/79. NR 97. GR 123. YR 105. IPR 105. Sheldon Ranches. Gallelin Gateway. \$1700. No. 263. 4/17/79. NR 117. GR 104. YR 119. IPR 110. Wileal. \$1700. No. 143. 3/30/79. NR 114. GR 96. YR 109. IPR 109. Sheldon Ranches. \$1500. No. 90. 3/17/79. NR 111. GR 88. YR 113. IPR 113. Horace Morlon, Belgrade. \$1400. No. 178. 8/12/79. NR 108. GR 121. YR 110. IPR 110. Sheldon Ranches. \$1400. No.

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WESTERN LIVESTOCK JOURNAL
December 22, 1980

JACK MAINPRIZE POLLED HEREFORD DISPERSION
Pleasant Hill, Mo., Dec. 8

9 bulls.....\$1,159
135 females.....1,431
144 lots.....1,404

Auctioneer: Jim Birdwell
Sale Manager: Midwest Cattle Sales Service

Top bull: Serone Guy 11J. 3/16/77 by OG Domestic. Anx 4148. Moore Polled Hereford. Harrisonville. \$2500.

Females: FG Victoria U91. 2/27/76 by Victorious K47 U81. and her 11/11/80 bull calf by Seron Guy 11J. Currie Senford. Lindsay. Okla. \$4100. Miss Vio. 10/17/76 by Victor F990. 201: Rudd & Bryson. Marshall. Okla. and HHV. Weukomis. Okla. \$3600. Her 3/28/80 bull calf by Serone Guy 11J. Graham Polled Hereford. Lexington. \$1500. JM Mile Vic U81 231. 3/23/79 by Victorious K47 U81. McCormick Polled Hereford. Send Springs. Okla. \$4000. CEB Victrol 30J 41/177 by LS Beau Victor 130. NS Polled Hereford. Portland Ind. \$2850. JM Mile Vick U81 228. 3/11/79 by

Hallers: M Lady Fan 9380. 2/12/79 by O4 Fantestic. Piloni. \$1475. M Lady Ardmore 9395. 3/15/79 by JH Real Ardmore 94. Dan Bacon. Fowler. Kan. \$1300. M Lady Norsuch 9385. 3/15/79 by Jas Rig Norsuch 299. Garrell Bacon. Fowler. Kan. \$1275.

This was probably the largest crowd to attend a production sale this fall in the area. It was also a bidding crowd as many buyers took one or two bulls. The pattern of past sales for "Swede" and Lola Moreland as they consistently offer good bulls and always sell them well to a large crowd.

—JERRY YORR

VEGEBOND 915: J.W. Dewson. Chivlington. \$2000. M K19 Mianchi 368. 4/17/79 by T+ Prospeuder 191. Terry Gibbs. Kili Carson. \$2000. M1301 Adv 349. 3/9/79 by HH Advance C1301. Palmer. \$2000. M D4 Fantestic. 334. 2/27/79 by D4 Fantestic. Clinton Clark. Karval. \$1850. M1301 Adv 341. 2/16/79 by HH Advance C1301. Jim Hogen. Kili Carson. \$1800. M661 Adv 341. 1/17/79 by HH Advance C381. Dawson. \$1775. M1301 Adv 330. 1/18/79 by HH Advance C1301. Bill Doherty. Trinchere. \$1775.

Shepherd Cattle Co.
91mmetal Production Sale
Kearney, Neb., Dec. 9

60 bulls.....\$1,999
148 female lots.....1,068

Auctioneer: Jim Baldrige and Tracy Harl
Sale Manager: Cattle Brokers, Inc.

Bulls: 995L. 9/21/79 by Woolston Baden. On Nalma. Indolene. \$4000. 353L. 9/19/79 by Shepa Signal 995L. George Thompson. Trenton. \$2000. 643L. 5/10/79 by Shepa Signal 995L. Mark Herpolshimer. Pierce. \$2000. Shepu 395L. 3/29/79 by MCR Monarch 1D. George Thompson. \$2700. 972L. 9/21/79 by Shepa Signal 995L. Wendell Giammen. Rockville. \$2500.

Females: 79 Shepa 439G. 4/4/75 by 9V Raverlan 7C. B.R. Seklar. Trenton. \$3000. 78 Shepa 478L. 4/21/76 by Opiomet. Don Nalma. \$3000. 79 Shepa 429K. 4/25/76 by Beat. On Nalma. \$2700. 34 Shepa 547H. 4/11/77 by Extra. Don Nalma. \$2250.

A large crowd was on hand for the Shepherd Cattle Co. sale in spite of the ice and snow in the eastern part of the state. The Shepherd crew brought in a top quality set of cattle for the public and they were well accepted and produced a good sale.

—JAY PURCHASE

J.J. MORELAND HEREFORD
Alma, Colo., Dec. 9

95 bulls.....\$1,451
33 heifers.....1,087

Auctioneer: Gene Watson

Bulls: M Arrow Adv 429. 6/29/78 by Arrow C.L.I. Adv 9000. Dena Piloni. Gurnison. \$4300. M677 Adv 344. 3/17/76 by HH Advance A877. Lynn Fisher. Genoa. \$4000. M275L Dom 343. 3/1/79 by C.L.I. Domino 276. Palmer Ranch. Boyero. \$2525. M594 Von 392. 4/9/79 by M Vanguard 594. Virgil Veldaz. La Jara. \$2200. M1301 Adv 339. 2/4/79 by HH Advance C1301. Fisher. \$2200. M Grand Adv 427. 8/9/79 by GV L1 Advancer 493. Butler Purdy. Agate. \$2200. M915 Vag 371. 4/3/79 by M

Victorious K47 U81: McCormick Polled Hereford. \$2825. Miss JM Thenke 222. 11/23/79 by BT L1 Advancer 12H. Pecka Polled Hereford. Fort Cobb. Okla. \$2450. JM Mile Vick U81 233. 3/24/79 by Victorious K47 U81. Triple C Polled Hereford. Vennhill. Ore. \$2525.

The Mainprize family had on overlooking crowd on hand for their dispersion. People throughout the Midwest gathered to take advantage of the opportunity to select from the herd of this high quality herd. There were many Victorious K47 U81 daughters in this sale along with other nationally recognized sires represented. Many buyers took this opportunity to further their programs and put together groups of females to put in their own herds.

—JAY PURCHASE

For Sale
25 BUFFALO
Cows • Calves • Bulls
R.D. Proctor • 617/672-1940
Rt. 4, Box 476
Bowling, Texas 78230



"BLACK POWER" LIMOUSIN-CHIANINA SALE

Sunday January 18, 1981 2 p.m.
Ankony Shadow Isle • Bennett, Colorado

SELLING 100 LOTS OF OUTSTANDING BLACK LIMOUSIN AND CHIANINAS

- American Purebreds
- Show Heifers Prospects
- Cow-Calf Pairs
- Chianinas
- Tremendous Blood Hard
- Sires Prospects
- Bred Females

"DON'T MISS THE EXCITING NATIONAL WESTERN STOCK SHOW AS WELL AS THIS 'SUPER SELECT' OFFERING OF BLACK CATTLE!"

VENABLE
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405/241-2267 or 247-5761

Ken Holloway
405/897-2418
Bruce Brooks
405/653-2437

ROUTE 2, CHATTANOOGA, OK. 405-235-3906

ARIZONA NATIONAL LIVESTOCK SHOW
JANUARY 5-11, 1981
STATE FAIRGROUNDS—PHOENIX

FEEDER STEER SHOW AND SALE
PRIME 4-H AND FFA PROJECT STEERS
JUDGING—7:00 a.m., Thursday, January 8, 1981
SALE—9:00 a.m., Saturday, January 10, 1981

TURQUOISE CIRCUIT RODEO FINALS
JANUARY 10 & 11, 1981



FRIENDLY FACES—Family faces at many of the Hereford sales in southwest Wyoming during the fall sale season belong to Mike Phillips (left) and Karl Wilkerson, manager, Vowlers Ranch, Chugwater, Wyo. (Staff photo by Jerry York)

Farm credit needs to jump in coming years: economist

Farm credit needs will multiply nearly four times during the coming decade, a top USDA economist forecast according to CNS.

John E. Lee, director of the USDA's national economic division, said at an agricultural lending symposium sponsored by the Federal Reserve Bank in Kansas City, said that farmers have become "heavily indebted" in the decade since 1970, and that the need for farm credit will jump to about \$150 billion by 1990.

Lee also projected that farm assets this decade could rise to about three times the current level.

Farm debts already have risen to about \$12 billion in this year from \$12 billion in 1980, he said. The level could be between 600 billion and 800 billion by 1990.

More Than Just Another Sale . . .

Featuring 16 of the finest purebred herd bull prospects and 50 of the most outstanding females that North America has to offer.

Wednesday, January 21, 9 a.m.

"A Sale loaded with Bull Power!" — Held in conjunction with the 1981 American Simmental Association Convention and the

National Western Stock Show, Denver, Colorado

Trait Leaders and Champions of the Future

1981 National Western Schedule of Simmental Events:

Sunday	January 18, 1981 • 3:00 p.m., National Western Junior Simmental Show
Monday	January 19, 1981 • 2:00 p.m., National Western Bull Pen Show
Wednesday	January 21, 1981 • 9:00 a.m., National Simmental Trendsetter Sale • 1:00 p.m., National Western Open Female Show • 7:30 p.m., Post-Sale Party and Dance, Holiday Inn North
Thursday	January 22, 1981 • 8:30 a.m., National Western Open Bull Show

Auctioneer: Joe Mitchell 617/576-2072
Merrill Anderson 217/657-2222

Show & Sale Headquarters
Holiday Inn North, 4849 Bennoch St.
Denver, Colo. 80216 • 303/292-9500

Colorado Simmental Assn.
33899 Weld County Rd. 59
Gilt, Colorado 80524

BSI Bovine Sales International
Erol Cook
33899 Weld County Rd. 59
Gilt, Colorado 80524
303/292-9922

Economy darkens bullish COF report

THE BULLISH CATTLE ON FEED report is not expected to affect near term cattle prices, but it may improve cattle feeder attitudes, said Joe Kropf, an analyst with Livestock Business Advisory Service, Inc.

The total number of cattle and calves on feed on Dec. 1 in the seven major producing states totaled 7.96 million head, down four percent from a year earlier and down 15% from Dec. 1, 1978, the USDA reported.

Even though it was slightly bullish, soaring interest rates and related turmoil in the commodity futures markets may overshadow it a bright point. Analysts had anticipated a fundamental weakness in the market place last week but nothing like the casualty list on prices.

"The placement figures shows unwillingness to place cattle in the face of high feed costs and relatively high interest rates plus declining finished cattle prices," said Chuck Levitt, a livestock analyst with Shearson Loeb Rhoads, Inc. John Kleist, a livestock analyst with Bache Halsey Stuart Sholden Inc., pointed out that while the November marketing number is below the year-earlier figure, it is also below most analysts' expectations. This indicates that the backup and heavyweight cattle problem in the Corn Belt is not entirely cleaned up, he said.

"The marketing figure indicates that we're not out of the woods and probably won't be until next year," Kleist said.

WASHINGTON AND OREGON choice steers \$69.50. Choice heifers \$66-67. Idaho choice steers \$67-68.50; good and choice \$68.50-71. Choice heifers \$66. Choice steers \$70-71; good and choice \$69.50-71. Nevada choice steers \$67. Utah mostly choice feeders \$67.50-68.25; good and choice \$68. Mostly choice steers \$68.40-65.25.

TEXAS AND OKLAHOMA mostly choice steers \$68.50-69.50; good and choice \$68-69.50. Mostly choice heifers \$66.50-68; good and choice \$68-69.50. Eastern Nebraska mostly choice steers \$68.50-69.50. Halfbreed, good and choice \$68.50-69.50. Eastern Kansas choice steers \$68.50-69.50. Choice heifers \$68.50-69.50. Good and choice \$68.50-69.50. Western Kansas choice steers \$68-69.50; good and choice \$68.50-69.50. Choice heifers \$68-69.50.

WYOMING western Nebraska choice steers \$66. Choice heifers \$63.50. Colorado choice steers \$66-67. Choice heifers \$63.50-65. Montana choice steers \$66-67. Choice heifers \$63.50-64.

WASHINGTON AND OREGON md. frame #1 steers 300-500 lbs. \$72-80; 500-600 lbs. \$71-78; 600-700 lbs. \$69-73.40; 700-800 lbs. \$68-72.90. Md. frame #1 heifers 250-500 lbs. \$68-65; 500-600 lbs. \$67-63.25; 600-800 lbs. \$65-64.50. California md. frame #1 steers 300-400 lbs. \$76-81; 400-500 lbs. \$74-78; 500-600 lbs. \$69-72. Md. frame #1 heifers 400-500 lbs. \$67-72. Idaho md. and lg. frame #1 steers 776-880 lbs. \$70-72. Halfbreed 750-776 lbs. \$68.50-64.50. Utah md. frame #1 steers 500 lbs. \$74; 700 lbs. \$70; 800-825 lbs. \$77-89.50. Md. frame #1 heifers 864.

TEXAS md. frame #1 steers 300-400 lbs. \$60-85; 400-500 lbs. \$75-25-79; 500-600 lbs. \$73-25-78-25; 600-700 lbs. \$71.50-74; 700-800 lbs. \$68-70-74; 800-900 lbs. \$67-71. Md. frame #1 heifer 300-400 lbs. \$67-70; 400-500 lbs. \$65-70.60; 500-600 lbs. \$63-65.50; 600-800 lbs. \$61-75-65.60. Oklahoma md. frame #1 steers 300-400 lbs. \$79-25-84.50; 400-500 lbs. \$78-82; 500-600 lbs. \$78.50-77.50; 600-700 lbs. \$70-75-78.50; 700-800 lbs. \$69.50-78. Md. frame #1 heifers 800-400 lbs. \$66-25-71; 400-500 lbs. \$63-75-68; 600-700 lbs. \$63-67.

KANSAS md. frame #1 steers 400-500 lbs. \$74.50-77; 500-600 lbs. \$76-78; 600-700 lbs. \$71.25-73.80; 700-800 lbs. \$69-25-70; 800-900 lbs. \$71.80-73. Heifers md. frame #1 400-500 lbs. \$64-25-69; 500-600 lbs. \$62-66.50; 600-700 lbs. \$61-75-65.60. Oklahoma md. frame #1 steers 300-400 lbs. \$79-25-84.50; 400-500 lbs. \$78-82; 500-600 lbs. \$78.50-77.50; 600-700 lbs. \$70-75-78.50; 700-800 lbs. \$69.50-78. Md. frame #1 heifers 800-400 lbs. \$66-25-71; 400-500 lbs. \$63-75-68; 600-700 lbs. \$63-67.

COLORADO md. frame #1 steers 300-400 lbs. \$74.50-77; 500-600 lbs. \$76-78; 600-700 lbs. \$71.25-73.80; 700-800 lbs. \$69-25-70; 800-900 lbs. \$71.80-73. Heifers md. frame #1 400-500 lbs. \$64-25-69; 500-600 lbs. \$62-66.50; 600-700 lbs. \$61-75-65.60. Oklahoma md. frame #1 steers 300-400 lbs. \$79-25-84.50; 400-500 lbs. \$78-82; 500-600 lbs. \$78.50-77.50; 600-700 lbs. \$70-75-78.50; 700-800 lbs. \$69.50-78. Md. frame #1 heifers 800-400 lbs. \$66-25-71; 400-500 lbs. \$63-75-68; 600-700 lbs. \$63-67.

REPLACEMENTS md. frame #1 young cows 700-1000 lbs. \$61-67; aged small frame #1-3 680-800 lbs. \$67-68; md. frame #1 5-10 year old cows 800-1150 lbs. with 200-300 lb. calves \$680-850 per pair.

MIDWEST slaughter lamb choice and prime 90-115 lbs. would \$56-58; 115-130 lbs. \$45-54; choice and prime 90-110 lbs. shorn with No. 1 and 2 pelts \$65-67.50. Slaughter ewes \$45-50; good \$42-47; utility \$42-45; \$15-18. Feeder lambs, San Angelo, choice and fancy 55-70 lbs. \$70-77; 70-80 lbs. \$68-70.

STOCK falls, S.D. 11/2 feeders, pigs 15-30 lbs. \$21-28; 30-40 lbs. \$22-29; 40-50 lbs. \$23-24; 50-60 lbs. \$24-25; 60-70 lbs. \$25-26; 70-80 lbs. \$26-27; 80-90 lbs. \$27-28; 90-100 lbs. \$28-29; 100-110 lbs. \$29-30; 110-120 lbs. \$30-31; 120-130 lbs. \$31-32; 130-140 lbs. \$32-33; 140-150 lbs. \$33-34; 150-160 lbs. \$34-35; 160-170 lbs. \$35-36; 170-180 lbs. \$36-37; 180-190 lbs. \$37-38; 190-200 lbs. \$38-39; 200-210 lbs. \$39-40; 210-220 lbs. \$40-41; 220-230 lbs. \$41-42; 230-240 lbs. \$42-43; 240-250 lbs. \$43-44; 250-260 lbs. \$44-45; 260-270 lbs. \$45-46; 270-280 lbs. \$46-47; 280-290 lbs. \$47-48; 290-300 lbs. \$48-49; 300-310 lbs. \$49-50; 310-320 lbs. \$50-51; 320-330 lbs. \$51-52; 330-340 lbs. \$52-53; 340-350 lbs. \$53-54; 350-360 lbs. \$54-55; 360-370 lbs. \$55-56; 370-380 lbs. \$56-57; 380-390 lbs. \$57-58; 390-400 lbs. \$58-59; 400-410 lbs. \$59-60; 410-420 lbs. \$60-61; 420-430 lbs. \$61-62; 430-440 lbs. \$62-63; 440-450 lbs. \$63-64; 450-460 lbs. \$64-65; 460-470 lbs. \$65-66; 470-480 lbs. \$66-67; 480-490 lbs. \$67-68; 490-500 lbs. \$68-69; 500-510 lbs. \$69-70; 510-520 lbs. \$70-71; 520-530 lbs. \$71-72; 530-540 lbs. \$72-73; 540-550 lbs. \$73-74; 550-560 lbs. \$74-75; 560-570 lbs. \$75-76; 570-580 lbs. \$76-77; 580-590 lbs. \$77-78; 590-600 lbs. \$78-79; 600-610 lbs. \$79-80; 610-620 lbs. \$80-81; 620-630 lbs. \$81-82; 630-640 lbs. \$82-83; 640-650 lbs. \$83-84; 650-660 lbs. \$84-85; 660-670 lbs. \$85-86; 670-680 lbs. \$86-87; 680-690 lbs. \$87-88; 690-700 lbs. \$88-89; 700-710 lbs. \$89-90; 710-720 lbs. \$90-91; 720-730 lbs. \$91-92; 730-740 lbs. \$92-93; 740-750 lbs. \$93-94; 750-760 lbs. \$94-95; 760-770 lbs. \$95-96; 770-780 lbs. \$96-97; 780-790 lbs. \$97-98; 790-800 lbs. \$98-99; 800-810 lbs. \$99-100; 810-820 lbs. \$100-101; 820-830 lbs. \$101-102; 830-840 lbs. \$102-103; 840-850 lbs. \$103-104; 850-860 lbs. \$104-105; 860-870 lbs. \$105-106; 870-880 lbs. \$106-107; 880-890 lbs. \$107-108; 890-900 lbs. \$108-109; 900-910 lbs. \$109-110; 910-920 lbs. \$110-111; 920-930 lbs. \$111-112; 930-940 lbs. \$112-113; 940-950 lbs. \$113-114; 950-960 lbs. \$114-115; 960-970 lbs. \$115-116; 970-980 lbs. \$116-117; 980-990 lbs. \$117-118; 990-1000 lbs. \$118-119; 1000-1010 lbs. \$119-120; 1010-1020 lbs. \$120-121; 1020-1030 lbs. \$121-122; 1030-1040 lbs. \$122-123; 1040-1050 lbs. \$123-124; 1050-1060 lbs. \$124-125; 1060-1070 lbs. \$125-126; 1070-1080 lbs. \$126-127; 1080-1090 lbs. \$127-128; 1090-1100 lbs. \$128-129; 1100-1110 lbs. \$129-130; 1110-1120 lbs. \$130-131; 1120-1130 lbs. \$131-132; 1130-1140 lbs. \$132-133; 1140-1150 lbs. \$133-134; 1150-1160 lbs. \$134-135; 1160-1170 lbs. \$135-136; 1170-1180 lbs. \$136-137; 1180-1190 lbs. \$137-138; 1190-1200 lbs. \$138-139; 1200-1210 lbs. \$139-140; 1210-1220 lbs. \$140-141; 1220-1230 lbs. \$141-142; 1230-1240 lbs. \$142-143; 1240-1250 lbs. \$143-144; 1250-1260 lbs. \$144-145; 1260-1270 lbs. \$145-146; 1270-1280 lbs. \$146-147; 1280-1290 lbs. \$147-148; 1290-1300 lbs. \$148-149; 1300-1310 lbs. \$149-150; 1310-1320 lbs. \$150-151; 1320-1330 lbs. \$151-152; 1330-1340 lbs. \$152-153; 1340-1350 lbs. \$153-154; 1350-1360 lbs. \$154-155; 1360-1370 lbs. \$155-156; 1370-1380 lbs. \$156-157; 1380-1390 lbs. \$157-158; 1390-1400 lbs. \$158-159; 1400-1410 lbs. \$159-160; 1410-1420 lbs. \$160-161; 1420-1430 lbs. \$161-162; 1430-1440 lbs. \$162-163; 1440-1450 lbs. \$163-164; 1450-1460 lbs. \$164-165; 1460-1470 lbs. \$165-166; 1470-1480 lbs. \$166-167; 1480-1490 lbs. \$167-168; 1490-1500 lbs. \$168-169; 1500-1510 lbs. \$169-170; 1510-1520 lbs. \$170-171; 1520-1530 lbs. \$171-172; 1530-1540 lbs. \$172-173; 1540-1550 lbs. \$173-174; 1550-1560 lbs. \$174-175; 1560-1570 lbs. \$175-176; 1570-1580 lbs. \$176-177; 1580-1590 lbs. \$177-178; 1590-1600 lbs. \$178-179; 1600-1610 lbs. \$179-180; 1610-1620 lbs. \$180-181; 1620-1630 lbs. \$181-182; 1630-1640 lbs. \$182-183; 1640-1650 lbs. \$183-184; 1650-1660 lbs. \$184-185; 1660-1670 lbs. \$185-186; 1670-1680 lbs. \$186-187; 1680-1690 lbs. \$187-188; 1690-1700 lbs. \$188-189; 1700-1710 lbs. \$189-190; 1710-1720 lbs. \$190-191; 1720-1730 lbs. \$191-192; 1730-1740 lbs. \$192-193; 1740-1750 lbs. \$193-194; 1750-1760 lbs. \$194-195; 1760-1770 lbs. \$195-196; 1770-1780 lbs. \$196-197; 1780-1790 lbs. \$197-198; 1790-1800 lbs. \$198-199; 1800-1810 lbs. \$199-200; 1810-1820 lbs. \$200-201; 1820-1830 lbs. \$201-202; 1830-1840 lbs. \$202-203; 1840-1850 lbs. \$203-204; 1850-1860 lbs. \$204-205; 1860-1870 lbs. \$205-206; 1870-1880 lbs. \$206-207; 1880-1890 lbs. \$207-208; 1890-1900 lbs. \$208-209; 1900-1910 lbs. \$209-210; 1910-1920 lbs. \$210-211; 1920-1930 lbs. \$211-212; 1930-1940 lbs. \$212-213; 1940-1950 lbs. \$213-214; 1950-1960 lbs. \$214-215; 1960-1970 lbs. \$215-216; 1970-1980 lbs. \$216-217; 1980-1990 lbs. \$217-218; 1990-2000 lbs. \$218-219; 2000-2010 lbs. \$219-220; 2010-2020 lbs. \$220-221; 2020-2030 lbs. \$221-222; 2030-2040 lbs. \$222-223; 2040-2050 lbs. \$223-224; 2050-2060 lbs. \$224-225; 2060-2070 lbs. \$225-226; 2070-2080 lbs. \$226-227; 2080-2090 lbs. \$227-228; 2090-2100 lbs. \$228-229; 2100-2110 lbs. \$229-230; 2110-2120 lbs. \$230-231; 2120-2130 lbs. \$231-232; 2130-2140 lbs. \$232-233; 2140-2150 lbs. \$233-234; 2150-2160 lbs. \$234-235; 2160-2170 lbs. \$235-236; 2170-2180 lbs. \$236-237; 2180-2190 lbs. \$237-238; 2190-2200 lbs. \$238-239; 2200-2210 lbs. \$239-240; 2210-2220 lbs. \$240-241; 2220-2230 lbs. \$241-242; 2230-2240 lbs. \$242-243; 2240-2250 lbs. \$243-244; 2250-2260 lbs. \$244-245; 2260-2270 lbs. \$245-246; 2270-2280 lbs. \$246-247; 2280-2290 lbs. \$247-248; 2290-2300 lbs. \$248-249; 2300-2310 lbs. \$249-250; 2310-2320 lbs. \$250-251; 2320-2330 lbs. \$251-252; 2330-2340 lbs. \$252-253; 2340-2350 lbs. \$253-254; 2350-2360 lbs. \$254-255; 2360-2370 lbs. \$255-256; 2370-2380 lbs. \$256-257; 2380-2390 lbs. \$257-258; 2390-2400 lbs. \$258-259; 2400-2410 lbs. \$259-260; 2410-2420 lbs. \$260-261; 2420-2430 lbs. \$261-262; 2430-2440 lbs. \$262-263; 2440-2450 lbs. \$263-264; 2450-2460 lbs. \$264-265; 2460-2470 lbs. \$265-266; 2470-2480 lbs. \$266-267; 2480-2490 lbs. \$267-268; 2490-2500 lbs. \$268-269; 2500-2510 lbs. \$269-270; 2510-2520 lbs. \$270-271; 2520-2530 lbs. \$271-272; 2530-2540 lbs. \$272-273; 2540-2550 lbs. \$273-274; 2550-2560 lbs. \$274-275; 2560-2570 lbs. \$275-276; 2570-2580 lbs. \$276-277; 2580-2590 lbs. \$277-278; 2590-2600 lbs. \$278-279; 2600-2610 lbs. \$279-280; 2610-2620 lbs. \$280-281; 2620-2630 lbs. \$281-282; 2630-2640 lbs. \$282-283; 2640-2650 lbs. \$283-284; 2650-2660 lbs. \$284-285; 2660-2670 lbs. \$285-286; 2670-2680 lbs. \$286-287; 2680-2690 lbs. \$287-288; 2690-2700 lbs. \$288-289; 2700-2710 lbs. \$289-290; 2710-2720 lbs. \$290-291; 2720-2730 lbs. \$291-292; 2730-2740 lbs. \$292-293; 2740-2750 lbs. \$293-294; 2750-2760 lbs. \$294-295; 2760-2770 lbs. \$295-296; 2770-2780 lbs. \$296-297; 2780-2790 lbs. \$297-298; 2790-2800 lbs. \$298-299; 2800-2810 lbs. \$299-300; 2810-2820 lbs. \$300-301; 2820-2830 lbs. \$301-302; 2830-2840 lbs. \$302-303; 2840-2850 lbs. \$303-304; 2850-2860 lbs. \$304-305; 2860-2870 lbs. \$305-306; 2870-2880 lbs. \$306-307; 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3270-3280 lbs. \$346-347; 3280-3290 lbs. \$347-348; 3290-3300 lbs. \$348-349; 3300-3310 lbs. \$349-350; 3310-3320 lbs. \$350-351; 3320-3330 lbs. \$351-352; 3330-3340 lbs. \$352-353; 3340-3350 lbs. \$353-354; 3350-3360 lbs. \$354-355; 3360-3370 lbs. \$355-356; 3370-3380 lbs. \$356-357; 3380-3390 lbs. \$357-358; 3390-3400 lbs. \$358-359; 3400-3410 lbs. \$359-360; 3410-3420 lbs. \$360-361; 3420-3430 lbs. \$361-362; 3430-3440 lbs. \$362-363; 3440-3450 lbs. \$363-364; 3450-3460 lbs. \$364-365; 3460-3470 lbs. \$365-366; 3470-3480 lbs. \$366-367; 3480-3490 lbs. \$367-368; 3490-3500 lbs. \$368-369; 3500-3510 lbs. \$369-370; 3510-3520 lbs. \$370-371; 3520-3530 lbs. \$371-372; 3530-3540 lbs. \$372-373; 3540-3550 lbs. \$373-374; 3550-3560 lbs. \$374-375; 3560-3570 lbs. \$375-376; 3570-3580 lbs. \$376-377; 3580-3590 lbs. \$377-378; 3590-3600 lbs. \$378-379; 3600-3610 lbs. \$379-380; 3610-3620 lbs. \$380-381; 3620-3630 lbs. \$381-382; 3630-3640 lbs. \$382-383; 3640-3650 lbs. \$383-384; 3650-3660 lbs. \$384-385; 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CATTLE 5

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FOR SALE 35, 2-year-old and one yearling, registered Hereford bulls. Footed raised in pasture condition. Call: Jim O'Brien, Farmington, California. 209/895-2419

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Registered Longhorn Bulls
Be kind to yourself and your first calf heifers.
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(1 hour from Reno)

FOR SALE: BRANGUS
10 Head of our top heifers, approximately weight 480 lbs.
23 Head top bulls, approximately weight 680 to 700 lbs.
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1818
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30 Polled Shorthorn Bulls for Sale Annually. We will deliver. Reubens, IO 83648
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210 HEAD, BRED, 3-year-old black baldie cows. Start calving March, 1981. Bred to Simmental and Brangus bulls. Also, 75 head bred running age Simmental cross cows. Bred same way. Call: evening, 801/546-2528.
Word really FLIES when you advertise!

BRANGUS BULLS AND HEIFERS
Top Quality—Rock Footed—Breeding Age
Also some quality heifers, priced right.
FITZGERALD REGISTERED BRANGUS
3634 Menzies Rd., Lincoln, CA 95844
Contact: Hardsman, 916/645-8040

140 Big 2-Year-Old Angus Bulls Sell January 27, 1981. 12th Annual Sale. Catalogs mailed on Request Only. Call: Collect, Evenings Only. Ed, 208/842-4295. Mike, 208/842-3429

BLIND BOX ADVERTISERS:
Display ad, include \$2.00 PER INSERTION for cost of forwarding replies.

REWARDS
Can Be Yours...
Our replacement 11 bred heifers, 80 mated for spring delivery to 18,000 Capers' LI Dom CB004, 327,000 Carpenter VM3 LI Acceptorator.
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LONGHORN BULLS
We have a large selection of breeding age bulls and yearlings ready to work for you.
Call Us
L & L CATTLE COMPANY
Larry, George & Irene Bend
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BRED HEIFERS: 80 Hereford, 40 black baldie, 30 red baldie, bred to Angus bulls. Start calving March. Average 750 lbs. All blood verified. Excellent quality. Located in southwestern Colorado. 303/247-9629, even-evening.

Want To Raise Club Calves?
Most efficient leaders or top producing females. Come to the ranch and see our bulls. Simmental (Some Polled), Lincoln (red or black), Maine-Anjou and black.
Five champions and reserve champions in recent fairs.
DOUG RANCH
Madera, California
Phone: 209/673-1152

ANGUS BULLS
10 bulls, 18 months old, 1, 2, and 3, 2, 1, to 3, 1. All pedigree. Also 2-year-olds. Also a selection of quality females.
Devers Registered Angus
Rt. 4, Box 4598
Orland, CA 95963
Phone: 916/865-3053
After 7 p.m.

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CATTLE 5

REGISTERED BRANGUS
Bull calves for sale. Richard L. Shirak, P.O. Box 1185, Hemet, CA 82343. 714/825-8527, even-evening.

FOR DAIRY CATTLE
All kinds and types. Specializing in Holsteins.
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Registered yearlings and 2-year-olds. Production and semen tested. Contact: Dick Monague, Gunny Brook Ranch, Paso Robles, California. 809/238-0883

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Your ranch or ours.
Realistic fees.
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Percentage Limousin bulls available now. Peter Parker, Mole Richardson Farms, South Old Highway 99, Wood, California. Phone: 916/938-3291 or 938-3006.

Easy Calving—Fast Growing CHAROLAIS
Stop by and inspect our pens of Avignon and Millers Cougars 763 bulls at the National Western Block Show or at the ranch anytime.
Klingensmith's LK Ranch
Meeker, CO 80461
Phone: 303/678-4858

TOP REGISTERED, Black Angus, open and bred yearling heifers. Also, serviceable age bulls. Larger type Angus, load lots. Creascan Bar Ranches, Park, Nebraska. 308/423-2122 or 2079

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Bestmaster bulls, large inventory of calves, yearlings and 2-year-olds available.
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Snowflake, ID 83637
Phone: 602/536-7375
or 602/536-7375

COMPLETE DIPIPERAL regulation herd of high altitude cattle. 110 head Angus crossbred cows. Crossed Angus/Shorthorn, Angus/Limousin and Angus/Herdford. Bred to excellent quality Angus bulls. To start calving March 20th. Phone: 303/924-9421.

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HORSES, JACKS, MULES 8

ONE-HALF ARAB, 11-year-old mare, three-quarter Arab, 2-year-oldilly Trade for 2 Quarter horse geldings. Dry Creek Horses, Hered, California. 209/748-2847

FOR SALE: Ranch raised Arabian horses. Sire Say (Ferozy) and Mirage bloodlines. Trained geldings, mares, broodmares and young stock. Judy Koeck, Canby, OR 97103. Phone: 707/968-3588

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BEAUTIFUL, PROVEN ewe or ranch station for sale. Haller conformation, slow, in cutting and working cowhorse until injured. Final cry in training now. Half brother in Topsy Bar Lord 7th, 1978 CRCA-SBF \$3,000. Five Old Land and Cattle Co. 316/257-2336

2-YEAR-OLD black stallion by Doc Malcomb. Winner of Hackmore at Cow Palace. Dam Jane request heir sister to King Fritz. This colt is outstanding. Individual \$5,000. Jim Do Denailly out of King Fritz mare. 2-year-old 2-year-old Chestnut tily by Jerry Doc out of a Mr. Gunter's mare. Will deliver. Call: 707/778-6154

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January 17th and 18th
JAY BEE BELL JACK
1978 Sorel Stallion
Bred: Baron Bell
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Dam: Scooter Bell
Daughter of Two Eyed Jack
AOHA Champion Sire
This horse has been started in riding. Never shown. Definitely a stallion prospect.
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ANGUS BULLS

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750 Acres ranch, metal corals, 1 hay barn, \$850 per acre, terms.
922 Acre farm 90% in cultivation, Frame home, \$800 per acre, terms.
1,700 Acres could be excellent wheat and stock ranch.

Other farms and ranches available.
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37,000 Total acres. 20,000 deeded, 13,338 state lease, 3,662
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1,400 Cow units. \$1,800,000, large assumable loan. The whole
is stocked with crossbred cows which can be bought easily
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RANCHES
For RENT or LEASE 14

FOR LEASE, 4, northern Nevada farms 320 acres, 2,400 acres, 2,250 acres, 2,000 acres. We are willing to lease small or large parcels on a long or short term basis. Acres include good grain for alfalfa, potato or wheat production.

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Grown and grade mixed by
self. Call: 303/738-392, 72
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BUSINESS
BUSINESS

trigilation or underground mainline for solid soil systems. One, \$60.00, two points, wherever available. Contact: Nevada First Corporation, Box N, Winnemucca, NV 89445, 702/823-2566

RANCHES or PASTURE WANTED 15

PASTURE WANTED for 300 to 400 head light yearlings. Call:

LIVESTOCK LOANS 16

"LIVESTOCK RANCH"
We specialize in livestock

WANTED: Winter pasture, 200 to 400 head, North Sacramento, Marysville area. 702/578-3347 or lease 1,000 to 3,000 acres.

WANTED: Iron owners for unit at sale buyers, options on cattle ranches and farms. JK Land and Cattle Co., Inc., 707/462-7618. Ukiah, CA 95482

Mediste Iowa, Calif. Cattle Livestock PCA, 916/465-5111
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**MACHINERY
AND SUPPLIES**

WE WOULD LIKE to purchase direct from owners, large, hard to sell and white elephant properties. Your price, our terms. Montenegro-Cali Co., 177-19th

WANTED: to lease or lease with option to buy, a good, working, 200-400 cow ranch. Experienced, responsible ranch with excellent credit and personal references. W.L. Hall, 13155 North County Rd., P.O. Box 109, San Diego, CA 92126. 619/455-1111.

PASTURES AVAILABLE 17

PASTURE AVAILABLE for 7,000 acres. 209/605-1582. or 805/

UPTO 1,000 HEAO
On geln bawls, back ground
calves, bowing out hiallers. Will
consider cows. 702/727-8418.

FOR SALE: Beardless barley and
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FOR SALE: Allstate delivered
anywhere, semi-load. Buy now
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FARROWING STALLS: All new
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er, top roll, ramp rail, high
2048. Free literature. Call
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Good, green color, high protein, no rain. Call: 016/388-4487.

OAT HAY and alfalfa hay for sale. Truck or trailer load lots. Ed Whitjochureh. Phone: 707/725 2114.

FEED FOR SALE

FORD 8000 dual, cab, 16-
only 1800 hours. 385 hp
eng d/c, 7 1/2" Homan's
neg 147 Heston P/O
3081776-3580

Call: Bob Burton, East Highway,
New Day, OR 97344, 800-675-
1402

The open interest in live hog futures has dropped 81.9% since a record open interest level was set Dec. 1. "The euphoric that previously inspired public had already hedged, locked in their profit margins regardless of the interest rate hikes, said John Kleist, livestock specialist for Thomas McKinnon Securities. Instead, these interest rate bikes had greater impact in terms of the speculative losses incurred by borrowing money at the current interest rate to interest rates do not have an immediate beerish impact on this market. "The effects will take time to filter down to the farm level for feeding," Kleist predicted. Ceeh cattle around \$55 per cwt. through January, with a two to three dollar decline from there. Optimist: a person who sees the seed catalog pictures to compare with the flowers and vegetables he actually grows. ***

USDA considers private lab tests
A USDA proposal would chemical residues and nitro-

A graduate of Cel Poly, Platts received his bachelor's degree in animal science

month leave of absence to obtain his masters degree at North South Wales University during 1980-81.

FENCE POSTS	21	BUILDING MATERIALS	22	TRAILERS	25A	TRAILERS	25A	MISCELLANEOUS	29	MISCELLANEOUS	29
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RANCH FENCING: All types installed. Call or write: Robert Snow, Box 34, Granges Station, Bakerfield, CA 93301. Phone: 805/833-0833.

SUPPLIES **23**

DRAIN CULVERT pipe 4" 11

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line of horse and equipment trailers. And Carwin Trailer, Inc., 15141 South 80, Manteca, CA 95238. Phone: 209/238-9831.

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Statewide delivery service.
282-2113; 227-4218. Rawhide
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CHEVY: 1988 1 1/2 ton, sleek bed, 32,950. Dodge 1975 1 ton 32,450. chevy.com. 209/438-2787.

POLY PLASTIC sheeting up to 40'x100'. 8' chain link fencing used. .95 lot. 209/438-2787.

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Rough & Ready, CA 95976
PHONE: 916/273-4397

[illegible]

RAWHIDE LUMBER
Fresno, California, 204-224-2112

10. The following table shows the number of people who attended the 2008 Summer Olympics in Beijing, China, and the 2012 Summer Olympics in London, England. The number of people who attended the 2008 Summer Olympics in Beijing, China, was 1.1 million more than the number of people who attended the 2012 Summer Olympics in London, England. How many people attended the 2008 Summer Olympics in Beijing, China?